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Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09758321 on June 18, 2002

12 375/222 (4 OR, 8 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/222 .Modems (data sets)

10 370/468 (3 OR, 7 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS

.Adaptive

— 370/468 ..Assignment of variable bandwidth or time  
period for transmission or reception

9 370/465 (2 OR, 7 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS

370/465 ✓ .Adaptive

8 370/524 (0 OR, 8 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having  
multiple packets

370/498 .Combining or distributing information via time  
channels

370/522 ..Signaling (ancillary to main information)

— 370/524 ..Using a dedicated signaling channel (i.e.,

(D-channel)

6 370/463 (4 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/463 .Details of circuit or interface for connecting  
user to the network

6 370/522 (1 OR, 5 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having  
multiple packets

370/498 .Combining or distributing information via time

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channels

370/522 ..Signaling (ancillary to main information)

6 379/413 (1 OR, 5 XR)  
Class 379 : TELEPHONIC COMMUNICATIONS  
379/399.01 SUBSCRIBER LINE OR TRANSMISSION LINE INTERFACE

379/413 .Power supply (e.g., battery feed)

5 370/467 (1 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive  
370/466 ..Converting between protocols  
370/467 ...Conversion between signaling protocols

5 370/535 (1 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having  
multiple packets  
370/498 .Combining or distributing information via time  
channels  
370/535 ..Multiplexing combined with demultiplexing

5 370/545 (2 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having  
multiple packets  
370/498 .Combining or distributing information via time  
channels  
370/545 ..Conversion of rate from a single input to a  
single output

5 379/93.17 (2 OR, 3 XR)  
Class 379 : TELEPHONIC COMMUNICATIONS  
379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)  
379/93.01 .Having transmission of a digital message  
signal over a telephone line  
379/93.17 ..Having station display

4 358/442 (0 OR, 4 XR)  
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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358/400           FACSIMILE  
358/442           .Facsimile system interface

4 370/230   (3 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/229       DATA FLOW CONGESTION PREVENTION OR CONTROL  
370/230       .Control of data admission to the network

4 379/93.08   (0 OR, 4 XR)  
Class 379 : TELEPHONIC COMMUNICATIONS  
379/90.01       TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
                 ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)  
379/93.01       .Having transmission of a digital message  
                 signal over a telephone line  
— 379/93.08     ..Transmission scheme (e.g.,  
                 compression/decompression, transmission rate)

4 455/260   (2 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130       RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
                 CONVERTER  
455/230       .Local control of receiver operation  
455/255       ..Local oscillator frequency control  
455/257       ...Automatic  
455/258       ....Utilizing particular local oscillator  
                 control  
455/259       .....Reference oscillator or source  
455/260       .....Phase lock loop or frequency synthesizer

4 725/118   (0 OR, 4 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/105       VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM  
                 COMMUNICATION  
725/118       .Transmission network

3 178/3   (1 OR, 2 XR)  
Class 178 : TELEGRAPHY  
178/2R       SYSTEMS  
178/3       .Automatic

3 358/468   (2 OR, 1 XR)  
Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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358/400           FACSIMILE  
358/443           .Specific signal processing circuitry  
358/468           ..Facsimile control unit

3 370/202       (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/202           AMPLITUDE COMPRESSION OR EXPANSION

3 370/343       (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310           COMMUNICATION OVER FREE SPACE  
370/343           .Combining or distributing information via  
frequency channels

3 370/352       (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351           PATHFINDING OR ROUTING  
370/352           .Combined circuit switching and packet  
switching

3 370/359       (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351           PATHFINDING OR ROUTING  
370/357           .Through a circuit switch  
370/359           ..Input or output circuit, per se (i.e., line  
interface)

3 370/389       (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351           PATHFINDING OR ROUTING  
370/389           .Switching a message which includes an address  
header

3 370/536       (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473           ..Transmission of a single message having  
multiple packets  
370/498           .Combining or distributing information via time  
channels  
370/536           ..Demultiplexing single signal into plural  
parallel channels (e.g., parallel transmission for  
increasing transmission speed)

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3 375/220 (1 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/220 ..Transmission interface between two stations or terminals

3 375/223 (1 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/222 ..Modems (data sets)

375/223 ..Angle modulation

3 375/370 (2 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/362 ..Frequency or phase control using synchronizing signal

375/369 ..Start - stop

375/370 ...With asynchronous data ✓

3 375/377 (0 OR, 3 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/377 MISCELLANEOUS

3 379/93.33 (0 OR, 3 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 ..Having transmission of a digital message signal over a telephone line

379/93.26 ..By voice frequency signal (e.g., tone code)

379/93.28 ...Modulated audio tone

379/93.31 ....Protocol

379/93.33 .....Having adjustable speed

3 439/676 (1 OR, 2 XR)

Class 439 : ELECTRICAL CONNECTORS

439/625 WITH INSULATION OTHER THAN CONDUCTOR SHEATH

439/626 ..Plural-contact coupling part

439/660 ..Plural-contact coupling part comprises receptacle or plug

439/676 ...Having push-pull-engaging contacts spaced along planar side wall transverse to longitudinal

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engagement axis (e.g., telephone jack or plug)

3 455/422 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422 .Zoned or cellular telephone system

3 455/441 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422 .Zoned or cellular telephone system

455/436 ..Handoff

455/441 ...Based upon unit velocity

3 455/444 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422 .Zoned or cellular telephone system

455/436 ..Handoff

455/444 ...Between macro and micro cells

3 455/509 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/509 ...Channel allocation

2 178/17C (0 OR, 2 XR)

Class 178 : TELEGRAPHY

178/2R SYSTEMS

178/3 .Automatic

178/17R ..Transmitters or recorders

178/17C ...Keyboard

2 235/380 (0 OR, 2 XR)

Class 235 : REGISTERS

235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS

235/380 .Credit or identification card systems

2 324/527 (0 OR, 2 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING

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324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF  
ELECTRIC COMPONENTS  
324/512 .For fault location  
324/527 ..By applying a test signal

2 327/156 (1 OR, 1 XR)  
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR  
DEVICES, CIRCUITS, AND SYSTEMS  
327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING  
327/141 .Synchronizing  
327/155 ..With feedback  
327/156 ...Phase lock loop

2 331/17 (1 OR, 1 XR)  
Class 331 : OSCILLATORS  
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE  
OR FREQUENCY SENSING MEANS  
331/17 .Particular error voltage control (e.g.,  
integrating network)

2 332/103 (0 OR, 2 XR)  
Class 332 : MODULATORS  
332/103 PHASE SHIFT KEYING MODULATOR OR QUADRATURE  
AMPLITUDE MODULATOR

2 340/310.02 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/286.01 SYSTEMS  
340/310.01 .Signal over power line  
340/310.02 ..Modulation technique

2 340/825.01 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/825.01 .Spare channel

2 341/143 (0 OR, 2 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/126 ANALOG TO OR FROM DIGITAL CONVERSION  
341/143 .Differential encoder and/or decoder (e.g.,  
delta modulation, differential pulse code modulation)

2 341/26 (2 OR, 0 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION

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341/20      BODILY ACTUATED CODE GENERATOR  
341/22      ..Including keyboard or keypad  
341/26      ..With particular key scanning feature

2 345/785    (2 OR, 0 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
SYSTEMS

345/700      OPERATOR INTERFACE (E.G., GRAPHICAL USER  
INTERFACE)

345/764      ..On-screen workspace or object  
345/781      ..Window or viewpoint  
345/784      ...Window scrolling  
345/785      ....Autoscroll

2 348/14.07   (0 OR, 2 XR)

Class 348 : TELEVISION

348/14.01     TWO-WAY VIDEO AND VOICE COMMUNICATION (E.G.,  
VIDEOPHONE)

348/14.07     ..Display arrangement (e.g., multiscreen  
display)

2 348/584    (1 OR, 1 XR)

Class 348 : TELEVISION

348/571      IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO  
TELEVISION

348/578      ..Special effects

348/584      ..Combining plural sources

2 358/400    (1 OR, 1 XR)

Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/400      FACSIMILE

2 358/425    (1 OR, 1 XR)

Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

358/400      FACSIMILE

358/425      ..Multiplex

2 370/276    (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/276      DUPLEX

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2 370/286 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/276 DUPLEX

370/282 .Transmit/receive interaction control

370/286 ..Echo suppression or cancellation

2 370/296 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/276 DUPLEX

370/296 .Convertible to half duplex

2 370/299 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/298 LOW SPEED ASYNCHRONOUS DATA SYSTEM (E.G.,  
TELETYPEWRITER SERVICE)

370/299 .Data switching exchange

2 370/305 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/298 LOW SPEED ASYNCHRONOUS DATA SYSTEM (E.G.,  
TELETYPEWRITER SERVICE)

370/303 .Rotary distributor

370/304 ..Synchronizer

370/305 ...Start-Stop

2 370/338 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions  
served by respective fixed stations

370/338 ..Contiguous regions interconnected by a local  
area network

2 370/353 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/352 .Combined circuit switching and packet  
switching

370/353 ..Switching network having common elements to  
handle both circuit switched traffic and packet switched  
traffic

2 370/385 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

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- 370/351 PATHFINDING OR ROUTING
  - .Through a circuit switch
  - ..Switching control
  - ...Having a supervisory signaling feature
  - ....Having a separate signaling network
- 2 370/392 (2 OR, 0 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/351 PATHFINDING OR ROUTING
    - .Switching a message which includes an address header
    - 370/392 ..Processing of address header for routing, per se
- 2 370/400 (1 OR, 1 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/351 PATHFINDING OR ROUTING
    - .Switching a message which includes an address header
    - 370/400 ..Having a plurality of nodes performing distributed switching
- 2 370/401 (1 OR, 1 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/351 PATHFINDING OR ROUTING
    - .Switching a message which includes an address header
    - 370/400 ..Having a plurality of nodes performing distributed switching
    - 370/401 ...Bridge or gateway between networks
- 2 370/411 (1 OR, 1 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/351 PATHFINDING OR ROUTING
    - .Switching a message which includes an address header
    - 370/411 ..Including sorting and merging networks
- 2 370/412 (0 OR, 2 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/351 PATHFINDING OR ROUTING
    - .Switching a message which includes an address header
    - 370/412 ..Queuing arrangement

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2 370/428 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/428 .Store and forward

2 370/431 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES

2 370/460 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/458 .Using time slots  
370/459 ..Having indication of idle or busy state of  
time slot  
370/460 ...On ring or loop network

2 370/466 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive  
370/466 ..Converting between protocols

2 370/474 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having  
multiple packets  
370/474 .Assembly or disassembly of messages having  
address headers

2 370/509 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having  
multiple packets  
370/498 .Combining or distributing information via time  
channels  
370/503 ..Synchronizing  
370/509 ...Using synchronization information contained  
in a frame

2 370/538 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

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- 370/473 ..Transmission of a single message having multiple packets
- 370/498 .Combining or distributing information via time channels
- 370/537 ..Multiplexing plural input channels to a common output channel
- 370/538 ...Plural input channels of different rates to a single common rate output channel

2 375/141 (1 OR, 1 XR)

- Class 375 : PULSE OR DIGITAL COMMUNICATIONS
- 375/130 SPREAD SPECTRUM
- 375/140 .Direct sequence
- 375/141 ..End-to-end transmission system

2 375/145 (1 OR, 1 XR)

- Class 375 : PULSE OR DIGITAL COMMUNICATIONS
- 375/130 SPREAD SPECTRUM
- 375/140 .Direct sequence
- 375/141 ..End-to-end transmission system
- 375/145 ...Having specific signaling for code synchronization

2 375/240 (1 OR, 1 XR)

- Class 375 : PULSE OR DIGITAL COMMUNICATIONS
- 375/240 BANDWIDTH REDUCTION OR EXPANSION

2 375/257 (1 OR, 1 XR)

- Class 375 : PULSE OR DIGITAL COMMUNICATIONS
- 375/257 CABLE SYSTEMS AND COMPONENTS

2 375/260 (0 OR, 2 XR)

- Class 375 : PULSE OR DIGITAL COMMUNICATIONS
- 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

- 375/260 .Plural channels for transmission of a single pulse train

2 375/261 (0 OR, 2 XR)

- Class 375 : PULSE OR DIGITAL COMMUNICATIONS
- 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

- 375/260 .Plural channels for transmission of a single pulse train

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375/261 ..Quadrature amplitude modulation

2 375/322 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/322 .Angle modulation

2 379/100.15 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/100.01 .To produce visual-graphic copy (e.g.,  
facsimile)

379/100.15 ..Having switching to other communication modes

2 379/114.19 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/111 WITH USAGE MEASUREMENT (E.G., CALL OR TRAFFIC  
REGISTER)

379/114.01 .Call charge metering or monitoring

379/114.15 ..Calling card

379/114.19 ...Credit card

2 379/165 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/156 MULTI-LINE OR KEY SUBSTATION SYSTEM WITH  
SELECTIVE SWITCHING AND CENTRAL SWITCHING OFFICE CONNEC  
TION

379/165 .Switching or supervision feature (e.g., common  
control, digital)

2 379/22 (2 OR, 0 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR  
ELECTRICAL CONDITION MEASUREMENT

379/22 .Of trunk or long line

2 379/22.02 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR  
ELECTRICAL CONDITION MEASUREMENT

379/22 .Of trunk or long line

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379/22.02 ..By analysis of injected tone signal

2 379/27.03 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR  
ELECTRICAL CONDITION MEASUREMENT

379/27.01 .Testing of subscriber loop or terminal

379/27.03 ..By analysis of testing signal

2 379/344 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/338 REPEATER (E.G., VOICE FREQUENCY)

379/344 .Component processes bidirectional signals

2 379/395.01 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/387.01 SUBSTATION OR TERMINAL CIRCUITRY

379/395.01 .Power control or detection circuit

2 379/399.01 (2 OR, 0 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/399.01 SUBSCRIBER LINE OR TRANSMISSION LINE INTERFACE

2 379/88.17 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

379/88.17 .Interaction with an external nontelephone  
network (e.g., Internet)

2 379/93.01 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message  
signal over a telephone line

2 379/93.05 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message  
signal over a telephone line

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379/93.05 ..Terminal interface circuitry

2 379/93.09 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message signal over a telephone line

379/93.09 ..Switching between different terminal types (e.g., voice/data switch)

2 379/93.14 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message signal over a telephone line

379/93.14 ..Having switching station

2 379/93.15 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message signal over a telephone line

379/93.14 ..Having switching station

379/93.15 ...Having format conversion

2 379/93.25 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message signal over a telephone line

379/93.17 ..Having station display

379/93.25 ...Having remote database (e.g., videotex system)

2 379/93.29 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMPOSITE)

379/93.01 .Having transmission of a digital message signal over a telephone line

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379/93.26 ..By voice frequency signal (e.g., tone code)

379/93.28 ...Modulated audio tone

379/93.29 ....Reconfigurable

2 400/100 (0 OR, 2 XR)

Class 400 : TYPEWRITING MACHINES

400/100 PLURAL-KEY-ACTUATED TYPEWRITER (E.G.,  
PERMUTATIVE KEY-BOARD)

2 400/485 (0 OR, 2 XR)

Class 400 : TYPEWRITING MACHINES

400/472 KEY-BOARD OR KEY LEVER-ACTUATING MECHANISM

400/485 .Key-board having multiple-character,  
multiple-movement keys

2 434/335 (1 OR, 1 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/322 QUESTION OR PROBLEM ELICITING RESPONSE

434/327 .Correctness of response indicated to examine  
by self-operating or examinee actuated means

434/335 ..By means including electrical component

2 439/418 (1 OR, 1 XR)

Class 439 : ELECTRICAL CONNECTORS

439/387 CONTACT COMPRISING CUTTER (SEVERING, PIERCING,  
ABRADING, SCRAPING, BREAKING OR TEARING)

439/389 .Insulation cutter

439/391 ..Conductor sheath piercing

439/418 ...Contact member cutting to contact first  
conductor and contacting second conductor

2 455/127 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/127 .Power or bias voltage supply

2 455/407 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/405 .Usage measurement

455/406 ..Billing

455/407 ...At subscriber unit

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2 455/409 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/405 .Usage measurement  
455/409 ..Rental

2 455/435 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/435 ..Registration

2 455/450 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/450 ..Channel allocation

2 455/517 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station

2 455/557 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCEIVER)  
455/550 .Radiotelephone equipment detail  
455/557 ..Interface attached device (e.g., interface  
with modem, facsimile, computer, etc.)

2 455/72 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/68 .With control signal  
455/70 ..Receiver control signal originates at message  
transmitter  
455/72 ...For compression and expansion of message  
signal (i.e., companding)

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2 455/76 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCEIVER)

455/75 .With frequency stabilization (e.g., automatic  
frequency control)

455/76 ..Synthesizer

2 709/229 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
709/200 MULTICOMPUTER DATA TRANSFERRING  
709/227 .Computer-to-computer session/connection  
establishing  
709/229 ..Network resources access controlling

2 709/231 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
709/200 MULTICOMPUTER DATA TRANSFERRING  
709/230 .Computer-to-computer protocol implementing  
709/231 ..Computer-to-computer data streaming

2 725/114 (0 OR, 2 XR)

Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM  
COMMUNICATION  
725/114 .Server or headend

2 725/119 (1 OR, 1 XR)

Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM  
COMMUNICATION  
725/118 .Transmission network  
725/119 ..Having significant intermediate network unit  
(e.g., hub, substation, etc.)

2 725/34 (2 OR, 0 XR)

Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/32 PROGRAM, MESSAGE, OR COMMERCIAL INSERTION OR  
SUBSTITUTION  
725/34 .Specific to individual user or household